Index to Volume 13

The page numbers of all original articles published in the Journal of Gerontology are set in bold face type.

A

Adler, M.—History of Gerontological Society, Inc. 94.

American Society for the Aged, Inc. 52.

B

Balfour, W. M.—(See Samson, F. E., Jr.)

Barrows, C. H.—N. W. Shock and B. F. Chow. Age Differences in Cholinesterase Activity of Serum and Liver. **20.**

—M. J. Yiengst and N. W. Shock. Senescence and the Metabolism of Various Tissues of Rats. **351.**

Barry, M.—Assessment of Community Services as Seen by a Community Welfare Council. Supp. 2. **64.**

Bensusan, H. B.—Does Connective Tissue Age? Supp. 2. **13.**

Berry, R. J.—(See Grunt, J. A.)

Birren, J. E.—Preface. Supp. 1. 1.

—Preface. Supp. 2. 1.

—and H. Kay. Swimming Speed of the Albino Rat: I. Age and Sex Differences. **374.**

—(Also see Kay, H.)

Blumenthal, H. T.—J. P. Vaeth and S. D. Soule. Effect of Non-ovarian Hormones on the Endometrium of Castrate Guinea Pigs. **261.**

—(Also see Yu, S. Y.)

Books Received—184, 209, 315, 427.

Book Reviews—

A Classified Bibliography of Gerontology and Geriatrics: Supplement One, 1949-1955 (J. E. Anderson). 314.

Ageing in Industry (H. Meltzer). 315.

Aging in the Modern World, Vol. I: A Handbook for Group Members (D. P. Kent). 207.

Brightening the Senior Years (Eds.). 209.

Cardiovascular Rehabilitation (J. M. Steele). 183.

Ciba Foundation Colloquia on Ageing (A. C. Upton). 183.

Current Social Research: An Inventory (Eds.). 209.

Employment of Older Women: An Annotated Bibliography (Eds.). 209.

Free Time: Challenge to Later Maturity (M. Kaplan). 426.

Hospital Patient Survey: An Evaluation of the Basic Characteristics, Medical Findings and Potential Disposition of the Patients in the New York Municipal Hospital System with Special Reference to the Problems of Chronic Disease and Custodial Care (M. Fraenkel). 207.

Mobilizing Resources for Older People (C. Tibbitts). 82.

Older People and the Industrial Community. (J. Hammerman). 209.

Psychological Development Through the Life Span (D. C. Charles). 82.

Services for the Aging (M. J. Mack). 426.

The Aged in American Society (E. Shanas). 314.

The Chronically Ill (J. Hammerman). 208.

The News Frontiers of Aging (R. Albrecht). 208.

Trends in Gerontology (J. E. Anderson). 314.

Botwinick, J.—J. F. Brinley and J. S. Robbin. Task Alternation Time in Relation to Problem Difficulty and Age. **414.**

Boucek, R. J.—N. L. Noble, K-Y. T. Kao, and H. R. Elden. The Effects of Age, Sex, and Race Upon the Acetic Acid Fractions of Collagen. **2.**

Bourlière, F.—The Comparative Biology of Aging. Supp. 1. **16.**

Brandstrup, N.—(See Kirk, J. E.)

Brinley, J. F.—(See Botwinick, J.)

Britton, J. H.—Assessment of Services for the Aged in Rural Communities. Supp. 2. **67.**

Bromley, D. B.—Some Effects of Age on Short Term Learning and Remembering. **398.**

Buck, C.—(See Wanklin, J. M.)

Burgess E. W.—L. G. Corey, P. C. Pineo, and R. T. Thornbury. **203.**

C

Chow, B. F.—(See Barrows, C. H., Jr.)

Clark, J. W.—(See Mangan, G. L.)

Comfort, A.—The Longevity and Mortality of Thoroughbred Mares. **342.**

Corey, L. G.—(See Burgess, E. W.)

D

Dahl, N. A.—(See Samson, F. E., Jr.)

Draper, H. H.—and C. Lowe. Physiologic Aspects of Aging. II. Radiocyanocobalamin Absorption and Protein Digestion by the Rat. **252.**

Duffy, M. L.—(See Hellbaum, A. A.)

Dury, A.—and L. D. Moss. Effect of Small Doses of Cortisone on Lipid Metabolism and Retardation of Atherosclerosis: Probable Mechanism of Action. **144.**

Dyrbye, M.—J. E. Kirk and I. Wang. Mucopolysaccharides of Human Arterial Tissue. III. Separation of Fractions by Paper Electrophoresis. **149.**

—(Also see Kirk, J. E.)

E

Egener, K. M.—(See Wanklin, J. M.)

Elden, H. R.—(See Boucek, R. J.)

Elder, J. H.—(See Olsen, I. A.)

Everitt, A. V.—and C. Webb. Blood Picture of the Aging Male Rat. **255.**

F

Farr, L. E.—A Look at Atomic Medicine in Geriatrics. Supp. 2. **27.**

Feinblatt, H. M.—A New Tranquilizing Soporific for Insomnia—The Value and Safety of Methapyrilene and Scopolamine in Combination. **48.**

Fitch, W. C.—Assessment of Services in the Public Agency Field as Seen by a Federal Department. Supp. 2. **62.**

Friend, C. M.—and J. P. Zubek. The Effect of Age on Critical Thinking Ability. **407.**

Fuller, C. A.—(See Strong, L. C.)

G

GABAY, S.—(See Sobel, H.)

GEILL, T.—Clinical Investigations on Aging Published in Europe After the Second World War. Supp. 1. **25.**

GERIATRIC PRACTICE—**177.**

GITMAN, L.—T. Kamholtz and J. Levine. Osteoporosis in the Aged. Radiographic Survey with Clinical and Biochemical Correlations. **43.**

GOLDFARB, A. I.—(See Pollack, M.)

GOLDSCHMIDT, L.—and J. R. Whittier. Increase in N, N-Dimethyl-P-Phenylenediamine (DPP) Oxidase Possibility with Aging in Mental Patients. **132.**

GRUNT, J. A.—R. J. Berry and W. H. Knisely. Effects of Castration and/or Hormonal Therapy upon the Hematocrit in Aged Male Rats. **359.**

H

HAMILTON, J. B.—H. Terada and G. E. Mestler. Studies of Growth Throughout the Life Span in Japanese: II. Beard Growth in Relation to Age, Sex, Heredity, and Other Factors. **269.**

HANLEY, T. D.—(See Mysak, E. D.)

HAVIGHURST, R. J.—A World View of Gerontology. Supp. 1. **2.**

HEILBRUNN, L. V.—Colloidal Changes in Aging Cells. Supp. 2. **2.**

HELLBAUM, A. A.—W. K. Ishmael, M. L. Duffy, and R. W. Payne. The Effect of Estrogen, Androgen, and Thyroid in Degenerative Joint Disease. **163.**

HERZBERG, F.—Relationship of Age to Pain in Dental Operative Procedures with Rotating Instruments. **167.**

HOBBS, G. E.—(See Wanklin, J. M.)

I

INDEX TO CURRENT PERIODICAL LITERATURE. 103, 216, 318, 455.

ISHMAEL, W. K.—(See Hellbaum, A. A.)

K

KAHN, R. L.—(See Pollack, M.)

KAMHOLTZ, T.—(See Gitman, L.)

KAO, K-Y. T.—(See Boucek, R. J.)

KAPLAN, M.—Pressures of Leisure on the Older Individual. Supp. 2. **36.**

KAY, H.—and J. E. Birren. Swimming Speed of the Albino Rat: II. Fatigue, Practice, and Drug Effects on Age and Sex Differences. **378.**
—(Also see Birren, J. E.)

KHEIM, T.—(See Pauker, J. D.)

KIRK, J. E.—I. Wang and M. Dyrbye. Mucopolysaccharides of Human Arterial Tissue. IV. Analysis of Electrophoretically Separated Fractions. **362.**
—J. R. Matzke, N. Branstrup, and I. Wang. The Lactic Dehydrogenase, Malic Dehydrogenase, and Phosphoglucoisomerase Activities of Coronary Artery Tissue in Individuals of Various Ages. **24.**
—(Also see Dyrbye, M.)

KNISELY, W. H.—(See Grunt, J. A.)

KOHN, R. R.—and E. Rollerson. Relationship of Age to Swelling Properties of Human Diaphragm Tendon in Acid and Alkaline Solutions. **241.**

KOUNTZ, W. B.—(See Pauker, J. D.)

KRAL, V. A.—Neuro-Psychiatric Observations in an Old Peoples Home. Studies of Memory Dysfunction in Senescence. **169.**

L

LANDOWNE, M.—The Relation Between Intra-Arterial Pressure and Impact Pulse Wave Velocity with Regard to Age and Arteriosclerosis. **153.**

LARSSON, K.—Sexual Activity in Senile Male Rats. **136.**

LEHMAN, H. C.—The Influence of Longevity Upon Curves Showing Man's Creative Production Rate at Successive Age Levels. **187.**

LEVINE, J.—(See Gitman, L.)

LICHTENSTEIN, I.—(See Sobel, H.)

LOVELACE, F.—L. Will, G. Sperling, and C. M. McCay. Teeth, Bones, and Aging of Syrian Hamsters. **27.**

LOWE, C.—(See Draper, H. H.)

M

MACK, M. J.—An Evaluation of a Retirement-Planning Program. **198.**

MAGLADERY, J. W.—R. D. Teasdall and A. H. Norris. Effect of Aging on Plantar Flexor and Superficial Abdominal Reflexes in Man—A Clinical and Electromyographic Study. **282.**

MANGAN, G. L.—Method-of-Approach Factors in the Testing of Middle-Aged Subjects. **55.**

MASTERS, Y. F.—(See Stidworthy, G.)
—and James W. Clark. Rigidity Factors in the Testing of Middle-Aged Subjects. **422.**

MATHIASEN, G.—Assessment of Services in the Voluntary Agency Field as Seen by a National Committee. Supp. 2. **58.**

MATZKE, J. R.—(See Kirk, J. E.)

MCCAY, C. M.—(See Lovelace, F.)

MCCONNELL, J. W.—The Impact of Aging on the Economy. Supp. 2. **42.**

MELTZER, H.—Age Differences in Work Attitudes. **74.**

MENSH, I. N.—(See Pauker, J. D.)

MESTLER, G. E.—(See Hamilton, J. B.)

MONTOYE, H. J.—(See Pierson, W. R.)

MOSS, L. D.—(See Dury, A.)

MYSAK, E. D.—and T. D. Hanley. Aging Processes in Speech. Pitch and Duration Characteristics. **309.**

N

NELSON, N. H.—(See Sobel, H.)

NOBLE, N. L.—(See Boucek, R. J.)

NORRIS, A. H.—(See Magladery, J. W.)

O

OLSEN, I. A.—and J. H. Elder. A Word-Association Test of Emotional Disturbance in Older Women. **305.**

ORGANIZATION SECTION. 86, 212, 430.

P

PAUKER, J. D.—T. Kheim, I. N. Mensh, and W. B. Kountz. Sex Hormone Replacement in the Aged. I. Psychological and Medical Evaluation of Administration of Androgen-Estrogen Combined with Reserpine. **389.**

PAYNE, R. W.—(See Hellbaum, A. A.)

PESZCZYNSKI, M.—Geriatric Practice: Contractures of the Involved Extremities of the Hemiplegic Adult. **177.**

PIERSON, W. R.—and H. J. Montoye. Movement Time, Reaction Time, and Age. **418.**

PILGERAM, L. O.—Deficiencies in the Lipoprotein Lipase System in Atherosclerosis. **32.**

PINEO, P. C.—(See Burgess, E. W.)

POLLACK, M.—R. L. Kahn and A. I. Goldfarb. Factors Related to Individual Differences in Perception in Institutionalized Aged Subjects. **192.**

POLLAK, O. J.—Combined Beta-Sitosterol and Linoleic Acid Regimen for Cholesterol-Fed Rabbits. **140.**

R

ROBBIN, J. S.—(See Botwinick, J.)

ROCKSTEIN, M.—Heredity and Longevity in the Animal Kingdom. Supp. 2. **7.**

ROLLERSON, E.—(See Kohn, R. R.)

S

SAMSON, F. E., Jr.—W. M. Balfour and N. A. Dahl. Effect of Age and Temperature on the Cerebral Energy Requirement in the Rat. **248.**

SCOTT, F. G.—Intrastate Migration of the Pre-Aged and the Aged in Texas. 1935-1940. **296.**

SHETLAR, M. R.—(See Stidworthy, G.)

SHOCK, N. W.—Author Index to Current Periodical Literature. 474.

—Index to Current Periodical Literature. 103, 216, 318, 455.

—(Also see Barrows, C. H., Jr.)

SIMONSON, E.—Functional Capacities of Older Individuals. Supp. 2. **18.**

SOBEL, H.—S. Gabay, E. T. Wright, I. Lichtenstein, and N. H. Nelson. The Influence of Age Upon Hexosamine-Collagen Ratio of Dermal Biopsies from Men. **128.**

SOULE, S. D.—(See Blumenthal, H. T.)

SPERLING, G.—(See Lovelace, F.)

STIDWORTHY, G.—Y. F. Masters, and M. R. Shetlar. The Effect of Aging on Mucopolysaccharide Composition of Human Costal Cartilage as Measured by Hexosamine and Uronic Acid Content. **10.**

STREICHER, E.—Age Changes in the Calcium Content of Rat Brain. **356.**

STRONG, L. C.—and C. A. Fuller. Maternal Age at Time of First Litters in Mice. **236.**

T

TEASDALL, R. D.—(See Magladery, J. W.)

TERADA, H.—(See Hamilton, J. B.)

THORNBURY, R. T.—(See Burgess, E. W.)

TIBBITTS, C.—The Impact of Aging on Social Institutions. Supp. 2. **48.**

TONNA, E. A.—Histologic and Histochemical Studies on the Periosteum of Male and Female Rats at Different Ages. **14.**

TUCKMAN, J.—The Projection of Personal Symptom into Stereotype About Aging. **70.**

V

VAETH, J. P.—(See Blumenthal, H. T.)

VAN ZONNEVELD, R. J.—Gerontologic Research Activities of the Organization for Health Research T. N. O. in the Netherlands. 453.

—Public Health and the Aged in Europe: Research and Programs. Supp. 1. **67.**

VERZÁR, F.—Problems of General Biology of Aging. Supp. 1. **6.**

W

WANG, I.—(See Dyrbye, M., and Kirk, J. E.)

WANKLIN, J. M.—K. M. Egener, C. Buck, and G. E. Hobbs. A Comparative Study of Elderly Mental Hospital Patients and Residents of Homes for the Aged. **60.**

WEBB, C.—(See Everitt, A. V.)

WELFORD, A. T.—Psychological and Social Gerontology in Europe. Supp. 1. **51.**

—The Assessment of Mental and Social Health in Relation to Age. Supp. 2. **32.**

WHITTIER, J. R.—(See Goldschmidt, L.)

WIGDOR, B. T.—(See Wimer, R. E.)

WILL, L.—(See Lovelace, F.)

WIMER, R. E.—and B. T. Wigdor. Age Differences in Retention of Learning. **291.**

WINSTON, E.—Assessment of Community Welfare Programs for the Aged. Supp. 2. **53.**

WRIGHT, E. T.—(See Sobel, H.)

Y

YIENGST, M. J.—(See Barrows, C. H., Jr.)

YU, S. Y.—and H. T. Blumenthal. The Functional Significance of Mucopolysaccharide Obtained from Cattle Aorta. **366.**

ZUBEK, J. P.—(See Friend, C. M.)